

Claims

What is claimed is:

- 1 1. An apparatus, comprising:
 - 2 a. a helmet;
 - 3 b. a windshield coupled to the helmet; and
 - 4 c. means for automatically adjusting a position of the windshield when a speed of a
 - 5 vehicle crosses a predetermined threshold value.
- 1 2. The apparatus of claim 1, wherein the predetermined threshold value is in units of spark
- 2 plug ignition.
- 1 3. The apparatus of claim 1, wherein the predetermined threshold value is in units of
- 2 revolutions per minute (RPM).
- 1 4. The apparatus of claim 1, wherein the means for automatically adjusting comprises a
- 2 control circuit for performing a Boolean operation.
- 1 5. The apparatus of claim 4, further including a power supply coupled to the control
- 2 circuit for supplying power to the means for automatically adjusting.
- 1 6. The apparatus of claim 1, further including a manual override switch coupled to the
- 2 helmet so that a user can manually adjust the windshield to a desired position.
- 1 7. A mechanism for a helmet windshield of a motorcycle, comprising means for
- 2 automatically adjusting a position of the windshield when a speed of the motorcycle crosses a

3 predetermined threshold value.

1 8. The mechanism of claim 7, wherein the threshold value is in units of spark plug ignition.

1 9. The mechanism of claim 7, wherein the threshold value is in units of revolutions per
2 minute (rpm).

1 10. A motorcycle helmet windshield control system, comprising:

- 2 a. a receiver and filter circuit coupled to a motorcycle helmet having a windshield
- 3 for receiving electromagnetic signals generated by an electrical device of a
- 4 motorcycle and generating electrical signals; and
- 5 b. a control circuit coupled to the receiver and filter circuit for performing a Boolean
- 6 operation, such that a position of the windshield is adjusted in response to the
- 7 Boolean operation.

1 11. The system of claim 10, wherein the electromagnetic signals are generated from a
2 spark plug of the motorcycle.

1 12. The system of claim 10, further including a manual override switch coupled to the helmet
2 so that a user can manually adjust the windshield to a desired position, wherein the manual
3 override switch sends an override signal to the control circuit.

1 13. The system of claim 10, further including a position detection circuit coupled to an
2 encoder for detecting the position of the windshield and sending a detection signal to the control
3 circuit.

- 1 14. A method, comprising the steps of:
 - 2 a. providing a helmet for use with a motorcycle;
 - 3 b. providing a windshield coupled to the helmet; and
 - 4 c. providing means for automatically adjusting a position of the windshield when the
 - 5 speed of the motorcycle crosses a predetermined threshold value.

- 1 15. A method of automatically adjusting a position of a helmet windshield for use with a
2 motorcycle, the method comprising the steps of:
 - 3 a. receiving electromagnetic signals generated by an electrical device of the
 - 4 motorcycle; and
 - 5 c. performing a Boolean operation to activate a raiser motor for adjusting the
 - 6 position of the helmet windshield in response to the Boolean operation.